

## Product Data Sheet

Kyros Stansol TOM is Product of Raj Petro-Mumbai and is made with highly refined petroleum oil with virtually no odor for improved operator comfort, while the high flash point and low toxicity reduce EHS concerns. Kyros Stansol TOM is a high-purity NDT-approved suspension vehicle developed specifically for wet method magnetic particle testing.

### PROPERTIES

|                                    |                   |
|------------------------------------|-------------------|
| <b>Appearance</b>                  | Bright & Clear    |
| <b>Colour in UV Light</b>          | Non –fluorescent  |
| <b>Colour in Visible Light</b>     | Clear, Colourless |
| <b>Odour</b>                       | None              |
| <b>Specific Gravity @29.5°C</b>    | 0.812             |
| <b>Flash Point</b>                 | > 200°F / 93°C    |
| <b>Viscosity (at 100°F / 38°C)</b> | 1.26cST           |

### Approval/Confirmation to:

- ✓ NAVSEA 250-1500-1
- ✓ ASTM E 1444
- ✓ ASTM D 445 ,93
- ✓ ASTM E 709
- ✓ ASME
- ✓ ISO-3944-1

### Preparatory Instruction:

1. Fill tank or container to proper level with Kyros Stansol TOM Carrier Oil.
2. Weigh out the appropriate amount of magnetic particles and add to the tank or container.
3. Mix for a minimum of 15 minutes, until the particles are completely and evenly dispersed in the suspension.
4. Check concentration before use.

### Instruction to use:

Use Kyros Stansol TOM Carrier oil II magnetic particle suspensions with appropriate magnetization procedure and equipment. For best results, all components, parts, or areas to be tested should be clean and dry prior to testing to provide an optimal test surface and reduce particle suspension contamination. Particle suspension must be properly mixed and continuously agitated when in use to ensure uniformity and concentration.

**Note:** The given data is best known to our knowledge, however if any discrepancy found in given data will be liable only for replacement.

## Carrier Oil (Kyros Stansol TOM)

Available in 30 Ltrs & 205 Ltrs Pack

Store in cool place.

Avoid placing in sunlight

Visit us at - [www.shieldinc.in](http://www.shieldinc.in)

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